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EXAMINER

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ART UNIT	PAPER NUMBER
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2617

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Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/688,327	Applicant(s) NAEINI ET AL.	
	Examiner Sayed T. Zewari	Art Unit 2617	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 14 June 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 43-95 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 43-95 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

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1. The Art Unit location of your application in the USPTO has changed. To aid in correlating any papers for this application, all further correspondence regarding this application should be directed to Art Unit 2617.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. Claims 44, 45, 47-53, 55-57, 60-69, 72-75, 77-95 are rejected under 35 U.S.C. 102(e) as being anticipated by Salo et al. (US 6,563,800).

With respect to claim 43, Salo discloses a communication system (**See Salo's abstract, figure 1, col. 6 lines 33-53, col.8 lines 18-40**) comprising: plurality of communication terminals (**See Salo's col. 6 lines 33-53**); a distribution system for selectively delivering communication information between and among any of said terminals (**See Salo's col. 6 lines 33-53, col.7 lines 56-67**); at least one home system associated with a subset of said terminals wherein at least one of said terminals is

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remote from said at least one home system, said home system including a distribution system for selectively accessing a plurality of applications (**See Salo's figure 1, col. 8 lines 8-17, lines 18-40, col.7 lines 36-48, col.9 lines 66-67, col. 10 lines 12-29**); said remote terminal including a communication information rerouting system for redirecting a portion of communication information, which had been originally directed to said remote terminal, for use in accessing an application of said plurality of applications to said at least one home system associated with said remote terminal (**See Salo's col.8 lines 1-5, figure 1c, col.8 lines 18-40**); and a system operative under control of a home system to which communication information has been redirected for accessing one or more of said applications and for providing information from accessed ones of said applications to said originally directed terminal (**See Salo's col.9 lines 66-67, col. 10 lines 12-29, col.6 lines 33-53**).

With respect to claim 60, Salo discloses a multi-platform, multimedia information and communication system connected to a communications network (**See Salo's abstract, figure 1, col. 6 lines 33-53, col.8 lines 18-40**) comprising: a plurality of user terminals (**See Salo's col. 6 lines 33-53**); a distribution system for selectively delivering communication information to or from any of said terminals (**See Salo's col. 6 lines 33-53, col.7 lines 56-67**); at least one server associated with a plurality of applications, said server further associated with at least a subset of said terminals, wherein at least one terminal is remote from said server (**See Salo's figure 1, col. 8 lines 8-17, lines 18-40, col.7 lines 36-48, col.9 lines 66-67, col. 10 lines 12-29**); and said remote terminal includes an information routing system for redirecting a portion of

communication information, originally directed to said remote terminal, for use in accessing an application of said plurality of applications to said at least one server associated with said remote terminal (**See Salo's col.8 lines 1-5, figure 1c, col.8 lines 18-40**).

With respect to claim 72, Salo discloses a method for providing multimedia data services (**See Salo's abstract, figure 1, col. 6 lines 33-53, col.8 lines 18-40**) comprising the steps of: associating at least one server with a plurality of user terminals over a communication network wherein said user terminals use said server to access functions of a home system that are available to said user terminals only through the use of said server (**See Salo's figure 1, col. 6 lines 33-53, col.8 lines 18-40**); receiving communication information from at least one of said user terminals (**See Salo's figure 1, col. 6 lines 33-53, col.8 lines 18-40**); accessing one or more of a plurality of applications of said home system providing said functions responsive to said communication information (**See Salo's figure 1, col. 8 lines 8-17, lines 18-40, col.7 lines 36-48, col.9 lines 66-67, col. 10 lines 12-29**); and sending communication information processed or obtained by said one or more of said plurality of applications to said at least one of said user terminals (**See Salo's figure 1, col. 8 lines 8-17, lines 18-40, col.7 lines 36-48, col.9 lines 66-67, col. 10 lines 12-29**).

With respect to claim 78, Salo discloses a communication system (**See Salo's abstract, figure 1, col. 6 lines 33-53, col.8 lines 18-40**) comprising: a local system remote from the public system for handling telecommunications to and from a plurality of communication devices (**See Salo's col. 6 lines 33-53**); a plurality of applications

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available to said devices, said availability being controlled by said local system (**See Salo's figure 1, col. 8 lines 8-17, lines 18-40, col.7 lines 36-48, col.9 lines 66-67, col. 10 lines 12-29**); means for allowing any such devices to selectively access any of said applications during a communication connection directed to or from said devices (**See Salo's figure 1, col. 8 lines 8-17, lines 18-40, col.7 lines 36-48, col.9 lines 66-67, col. 10 lines 12-29**); and means for extending the operation of said means for allowing any such devices to selectively access any of said applications to a select set of communication terminals remote from said local system (**See Salo's figure 1, col. 8 lines 8-17, lines 18-40, col.7 lines 36-48, col.9 lines 66-67, col. 10 lines 12-29**).

With respect to claim 86, Salo discloses a communication system comprising: a communication network (**See Salo's abstract, figure 1, col. 6 lines 33-53, col.8 lines 18-40**); a plurality of user terminals wherein at least one of said terminals is remote from a server system providing application execution for said remote terminal, said remote terminal including an intelligent information rerouting system for redirecting information originally sent to said remote terminal to said server system (**See Salo's col. 6 lines 33-53, figure 1, col. 8 lines 8-17, lines 18-40, col.7 lines 36-48, col.9 lines 66-67, col. 10 lines 12-29, col.8 lines 1-5, figure 1c, col.8 lines 18-40**); at least one server system having a plurality of local applications, said server system further having a user profile of said remote terminal available to an application of said plurality of applications (**See Salo's figure 1, col. 8 lines 8-17, lines 18-40, col.7 lines 36-48, col.9 lines 66-67, col. 10 lines 12-29**); and said server system operable to access said user profile searching for information associated with said redirected information wherein upon

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locating said information said server sends said located information to said remote terminal (**See Salo's col. 18 lines 53-65, col.9 lines 66-67, col. 10 lines 12-29, col.6 lines 33-53**).

With respect to claim 95, Salo discloses a communication system (**See Salo's abstract, figure 1, col. 6 lines 33-53, col.8 lines 18-40**) comprising: a plurality of cellular telephones (**See Salo's col. 6 lines 33-53, col.3 lines 1-5**); a plurality of applications for providing communication or information services, said plurality of applications including at least one application selected from the group consisting of a conference call application, a number retrieval application, an information update application, a voice-mail application, and a pager application (**See Salo's figure 1, col. 8 lines 8-17, lines 18-40, col.7 lines 36-48, col.9 lines 66-67, col. 10 lines 12-29, col.3 lines 1-5**); and at least one home system associated with a cellular telephone of said plurality of cellular telephones, wherein said home system provides application processing using said plurality of applications in response to communications redirected by said cellular telephone, thereby providing functionality of one or more applications of said plurality of applications to one of said plurality of cellular telephones (**See Salo's figure 1, col. 8 lines 8-17, lines 18-40, col.7 lines 36-48, col.9 lines 66-67, col. 10 lines 12-29**).

With respect to claim 44, Salo discloses a system wherein at least one of said communication terminals is a wireless terminal (**See Salo's col.3 lines 1-5, figure 1, col.5 lines 30-40**).

With respect to claim 45, Salo discloses a system wherein said communication information rerouting system is responsive to origination identification data contained in said communication information (**See Salo's col.8 lines 1-5, figure 1c, col.8 lines 18-40**).

With respect to claim 47, Salo discloses a system wherein at least some of said plurality of applications are connected to access external information resources (**See Salo's figure 1, col. 8 lines 8-17, lines 18-40, col.7 lines 36-48, col.9 lines 66-67, col. 10 lines 12-29**).

With respect to claim 48, Salo discloses a system wherein said external information resources are chosen from the group consisting of: the internet; an electronic database; a web-enabled database server; and an interactive response unit (IRU) for providing voice, data, or multimedia messages (**See Salo's figure 1, col. 8 lines 8-17, lines 18-40, col.7 lines 36-48, col.9 lines 66-67, col. 10 lines 12-29**).

With respect to claim 49, Salo discloses a system wherein at least one of said plurality of applications is inherently a conference call application (**See Salo's figure 1, col. 8 lines 8-17, lines 18-40, col.7 lines 36-48, col.9 lines 66-67, col. 10 lines 12-29**).

With respect to claim 50, Salo discloses a system wherein at least one of said plurality of applications is a number retrieval application (**See Salo's figure 1, col. 8 lines 8-17, lines 18-40, col.7 lines 36-48, col.9 lines 66-67, col. 10 lines 12-29**).

With respect to claim 51, Salo discloses a system wherein at least one of said plurality of applications is an information update application (**See Salo's figure 1, col. 8 lines 8-17, lines 18-40, col.7 lines 36-48, col.9 lines 66-67, col. 10 lines 12-29**).

With respect to claim 52, Salo discloses a system wherein said home system further includes' a user profile of information pertaining to different subjects (**See Salo's figure 1, col. 8 lines 8-17, lines 18-40, col.7 lines 36-48, col.9 lines 66-67, col. 10 lines 12-29**).

With respect to claim 53, Salo discloses a system wherein said remote terminal can access said user profile (**See Salo's figure 1, col. 8 lines 8-17, lines 18-40, col.7 lines 36-48, col.9 lines 66-67, col. 10 lines 12-29**).

With respect to claim 55, Salo discloses a system wherein said rerouted communication information inherently comprises all signals comprising a telephone call (**See Salo's col. 6 lines 33-53, figure 1, col. 8 lines 8-17, lines 18-40, col.7 lines 36-48, col.9 lines 66-67, col. 10 lines 12-29, col.8 lines 1-5, figure 1c, col.8 lines 18-40**).

With respect to claim 56, Salo discloses a system wherein; said distribution system for selectively accessing a plurality of applications provides functionality not directly available to said remote terminal; and said system operative under control of a home system facilitates operation of said remote terminal to provide functionality of said accessed ones of said applications not available to said remote terminal (**See Salo's col. 6 lines 33-53, col.7 lines 56-67**).

With respect to claim 57, Salo discloses a system wherein; at least one of said terminals includes a means for accessing an associated home system so as to obtain from one or more of said accessed applications data necessary for the completion of a communication connection directed either to or from said terminal **(See Salo's col.8 lines 1-5, figure 1c, col.8 lines 18-40).**

With respect to claim 61, Salo discloses a system wherein said at least one server further comprises a plurality of external data resources terminal **(See Salo's col.8 lines 1-5, figure 1c, col.8 lines 18-40).**

With respect to claim 62, Salo discloses a system wherein said external data resources are chosen from the group consisting of: the internet; an electronic database; a web-enabled database server; and an inherent interactive response unit (IRU) for providing voice, data, or multimedia messages **(See Salo's col.8 lines 1-5, figure 1c, col.8 lines 18-40).**

With respect to claim 63, Salo discloses a system wherein said user terminals are chosen from the group consisting of: a conventional telephone; a conventional telephone equipped with an inherent visual display; a wireless telephone; a paging device equipped with a visual display; a hand-held computing device (PDA); a personal computer (PC); and a network computer **(See Salo's figure 1, col.5 lines 30-40).**

With respect to claim 64, the above disclose all the limitations of claim 64.

With respect to claim 65, Salo discloses a system wherein said at least one server comprises: a plurality of local applications wherein said applications are selectively accessible by said plurality of user terminals and said at least one server; an

internal database; and a plurality of internal connections wherein at least one of said plurality of internal connections link at least one of said plurality of local applications to said internal database **(See Salo's figure 1, col. 8 lines 8-17, lines 18-40, col.7 lines 36-48, col.9 lines 66-67, col. 10 lines 12-29).**

With respect to claim 66, Salo discloses a system wherein at least one of said plurality of local applications is linked to at least one of said external data resources **(See Salo's figure 1, col. 8 lines 8-17, lines 18-40, col.7 lines 36-48, col.9 lines 66-67, col. 10 lines 12-29).**

With respect to claim 67, Salo discloses a system wherein at least one of said plurality of local applications is chosen from the group consisting of: a pager application; a voice-mail application; a fax application; a conference call application; a number retrieval application; and an information update application **(See Salo's figure 1, col.5 lines 30-40).**

With respect to claim 68, Salo discloses a system wherein said communication system further comprises an application processing means responsive to said at least one server for accessing one or more of said applications and providing said applications information redirected from said remote terminal **(See Salo's figure 1, col. 8 lines 8-17, lines 18-40, col.7 lines 36-48, col.9 lines 66-67, col. 10 lines 12-29).**

With respect to claim 69, Salo discloses a system wherein said information routing system redirects said communication information to said server associated with said terminal based on signals received by said user terminal during a telephone call **(See Salo's col.8 lines 1-5, figure 1c, col.8 lines 18-40).**

With respect to claim 73, Salo discloses a system wherein said at least one server provides messaging services related to at least some of said plurality of user terminals (**See Salo's figure 1, col. 8 lines 8-17, lines 18-40, col.7 lines 36-48, col.9 lines 66-67, col. 10 lines 12-29**).

With respect to claim 74 and 75, the above discloses all the limitations of claim 74 and 75.

With respect to claim 77, the above discloses all the limitations of claim 77.

With respect to claim 79, Salo discloses a system wherein at least one of said select set of remote communication terminals is a wireless phone (**See Salo's col.3 lines 1-5, figure 1, col.5 lines 30-40**).

With respect to claim 80, Salo discloses a system wherein said wireless phone connects to said local system using the public system (**See Salo's col.3 lines 1-5, figure 1, col.5 lines 30-40**).

With respect to claim 81, Salo discloses a system wherein at least some of said communication devices receive packet data (**See Salo's figure 1, col.5 lines 30-40**).

With respect to claim 82, Salo discloses a system wherein at least some of said communication devices receive both packet data and continuous data (**See Salo's figure 1, col.5 lines 30-40**).

With respect to claim 83, Salo discloses a system wherein at least one of said plurality of applications is a conference call application (**See Salo's figure 1, col. 8 lines 8-17, lines 18-40, col.7 lines 36-48, col.9 lines 66-67, col. 10 lines 12-29, col.3 lines 1-5**).

With respect to claim 84, Salo discloses a system wherein at least one of said plurality of applications is a number retrieval application (**See Salo's figure 1, col. 8 lines 8-17, lines 18-40, col.7 lines 36-48, col.9 lines 66-67, col. 10 lines 12-29, col.3 lines 1-5).**

With respect to claim 85, Salo discloses a system wherein at least one of said plurality of applications is an information update application (**See Salo's figure 1, col. 8 lines 8-17, lines 18-40, col.7 lines 36-48, col.9 lines 66-67, col. 10 lines 12-29, col.3 lines 1-5).**

With respect to claim 87, Salo discloses a system wherein said plurality of terminals is chosen from the group consisting of: a conventional telephone; a conventional telephone equipped with a visual display; a wireless telephone; a paging device equipped with a visual display; a hand-held computing device (PDA); a personal computer (PC); and a network computer (**See Salo's figure 1, col.5 lines 30-40).**

With respect to claim 88 and 89, Salo discloses a system wherein said remote terminal includes a visual display (**See Salo's figure 1, col.5 lines 30-40).**

With respect to claim 90, Salo discloses a system further comprising: a plurality of external data resources wherein said server searches said external resources in response to said located information (**See Salo's col.8 lines 1-5, figure 1c, col.8 lines 18-40).**

With respect to claim 91, Salo discloses a system wherein said external data resources are chosen from the group consisting of: the internet; an electronic database; a web-enabled database server; and an interactive response unit (IRU) for providing

voice, data, or multimedia messages (**See Salo's figure 1, col. 8 lines 8-17, lines 18-40, col.7 lines 36-48, col.9 lines 66-67, col. 10 lines 12-29**).

With respect to claim 92, Salo discloses a system wherein said plurality of applications is chosen from the group consisting of: a pager application; a voice-mail application; a fax application; a conference call application; a number retrieval application; and an information update application (**See Salo's figure 1, col.5 lines 30-40**).

With respect to claim 93, Salo discloses a system further comprising: a communication link between said remote terminal and an external interactive system wherein said remote terminal can access applications of said external interactive system only through said server (**See Salo's figure 1, col. 8 lines 8-17, lines 18-40, col.7 lines 36-48, col.9 lines 66-67, col. 10 lines 12-29**).

With respect to claim 94, Salo discloses a system wherein said user profile of said remote terminal inherently comprises: calling lists; calendars of activities; stock quotes; merchandise stock availability; and budget data (**See Salo's figure 1, col. 8 lines 8-17, lines 18-40, col.7 lines 36-48, col.9 lines 66-67, col. 10 lines 12-29**);

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 46, 54, 58, 59, 70, 71, and 76 are rejected under 35 U.S.C. 103(a) as being unpatentable over Salo et al. (US 6,563,800) in view of well-known prior art (MPEP 2144.03).

With respect to claim 46, Salo discloses all the limitations of claim 46 wherein an origination call is inherently identified. Salo does not disclose the origination identification data comprises data consisting of Automatic Number Identification (ANI), Mobile Identification Number (MIN) or an e-mail. However, official notice is taken that the concept and use of ANI, MIN or e-mail address as an origination source is well known and expected in the art. Therefore, it would be obvious to one of ordinary skill in the art to provide a method of using these identification signals as origination source.

With respect to claim 54, Salo discloses a system wherein at least one of said plurality of terminals is a telephone. Salo does not disclose the telephones having audio capability and a screen for displaying data communicated thereto from a selected one of said applications. However, official notice is taken that the concept and use of audio capability and a screen for displaying data communicated from selected applications is well known and expected in the art. Therefore, it would be obvious to one of ordinary skill in the art to provide a telephone system with audio capability and screen to display data.

With respect to claim 58, Salo discloses all the limitations of claim 58. Salo does not disclose a system with audio and data concurrently communicating with at least one of said applications. However, official notice is taken that the concept and use of audio

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and data capability is well known and expected in the art. Therefore, it would be obvious to one of ordinary skill in the art to provide a system with audio and capability.

With respect to claim 59, Salo discloses a system wherein said communication system inherently controls the access to and from all of said applications in response to commands exchanged with said terminal having audio capability **(See Salo's col. 6 lines 33-53, col.7 lines 56-67).**

With respect to claim 70, Salo discloses a system wherein Mobile Identification Number signals received by said user terminal during a wireless telephone call. Salo does not disclose the signals consisting of Automatic Number Identification signals received by said user terminal during a telephone call. However, official notice is taken that the concept and use of AMI, MIN is well known and expected in the art. Therefore, it would be obvious to one of ordinary skill in the art to provide a method of using these identification signals as origination source.

With respect to claim 71, Salo discloses a system wherein said distribution system carries signals in audio, data, or video formats **(See Salo's col. 6 lines 33-53, col.7 lines 56-67).**

With respect to claim 76, Salo discloses all the limitations of claim 46 wherein an origination call is inherently identified. Salo does not disclose the sender identification data includes data chosen from the group consisting of: Automatic Number Identification (ANI) signals; Mobile Identification Number (MIN) signals; and an e-mail address. However, official notice is taken that the concept and use of AMI, MIN or e-mail address as an origination source is well known and expected in the art. Therefore, it would be

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obvious to one of ordinary skill in the art to provide a method of using these
identification signals as origination source.

Sayed T. Zewari

November 17, 2006



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